



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Monday, July 17, 2017

Issued: 0800 CT

**Day 1 Hazards:** Isolated flooding possible in W New Mexico.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Andrew Moulton**  
**817-978-1100 x 147**

# Key Points



## Today through Friday

- Western New Mexico could see isolated flooding as monsoonal showers and thunderstorms continue this week.
- Otherwise, general summertime showers and thunderstorms are expected over parts of the region each afternoon/evening.

## Tropical Weather Outlook

- **2 weather disturbances are present in the Atlantic**
  - A low pressure system located about 800 miles E-SE of the Windward Islands may slowly develop over the next few days as it moves westward
    - Formation chance through 48 hours...medium...40%
    - Formation chance through 5 days...medium...50%
  - An area of disturbed weather has developed several hundred miles west-southwest of the Cabo Verde Islands
    - Formation chance through 48 hours...low...10%
    - Formation chance through 5 days...low...20%

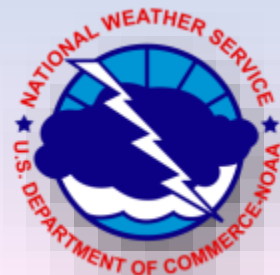
# \*FEMA Region 6 Threat Matrix

Jul 17, 2017 - Jul 21, 2017

	MON	TUE	WED	THU	FRI
Severe Weather					
Heavy Rain / Flash Flooding	W NM	W NM	W NM		
Heat					
River Flooding					
Tropical Weather					

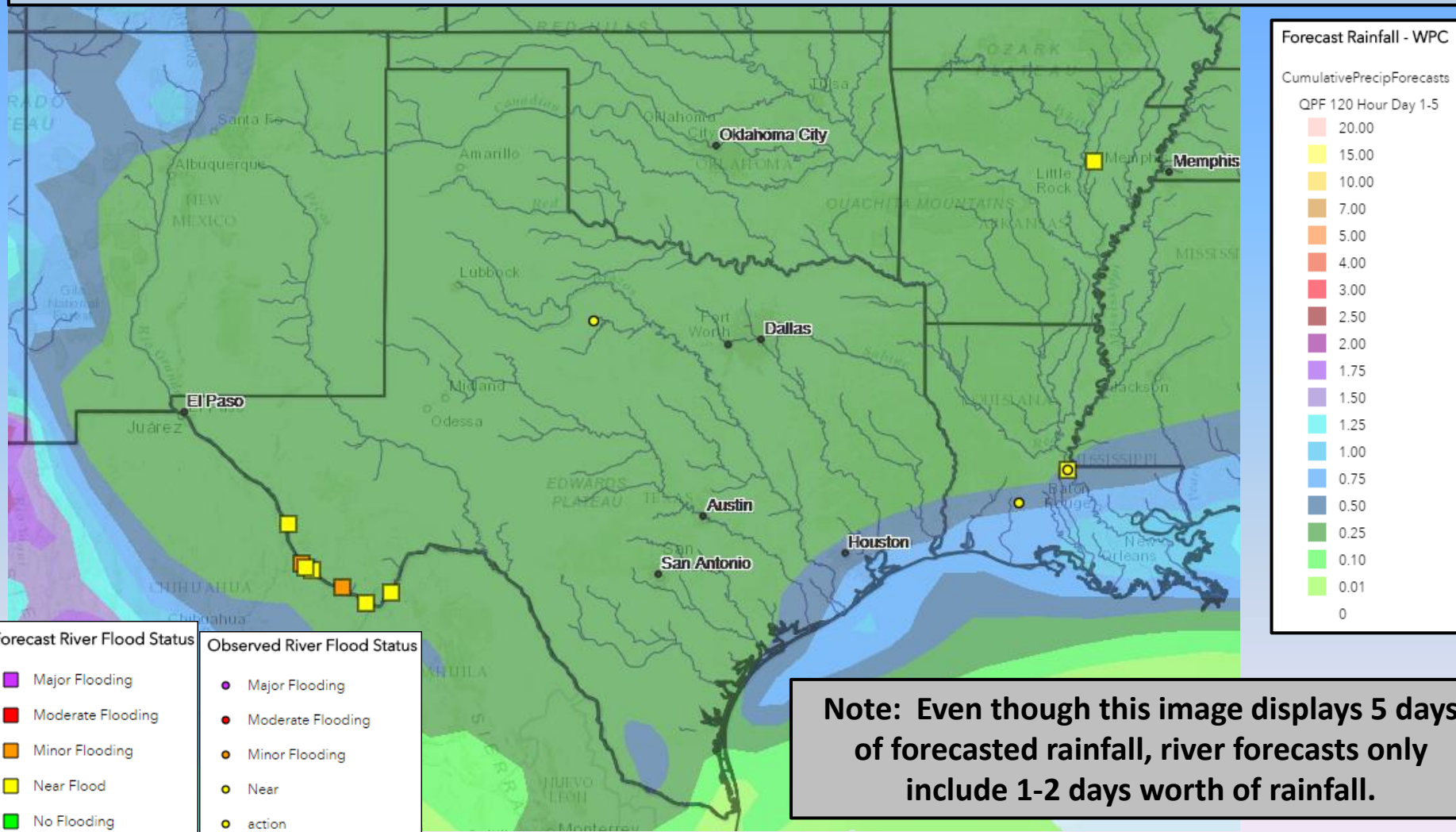
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

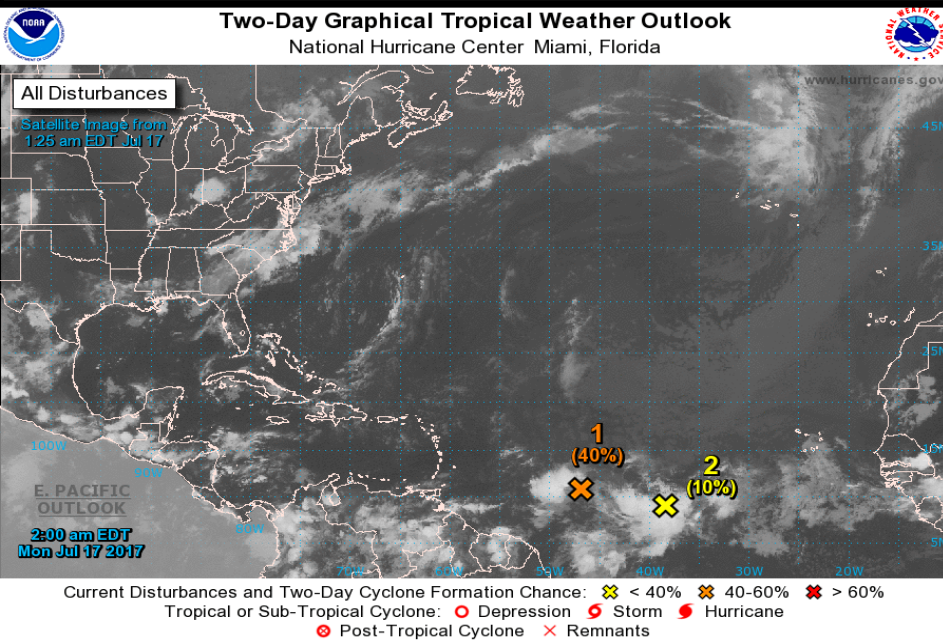
Minor flooding is occurring along the Rio Grande near Presidio and Big Bend; no significant impacts expected.



For the latest on river flooding: <http://water.weather.gov/ahps>



# Tropical Weather Outlook



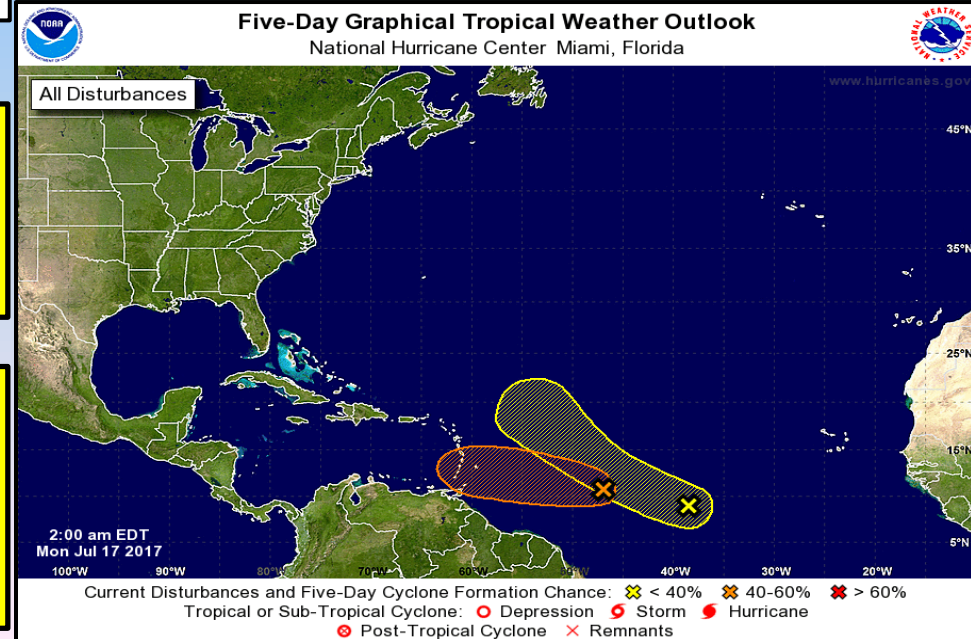
A low pressure system located about 800 miles E-SE of the Windward Islands is producing disorganized showers and thunderstorms. Although this system is close to dry air, some slow development is possible over the next few days while the system moves westward at 15mph.

Formation chance through 48 hours...medium...40%.  
Formation chance through 5 days...medium...50%.

An area of disturbed weather has developed west-southwest of the Cabo Verde Islands. Some development of this system is possible over the next several days.

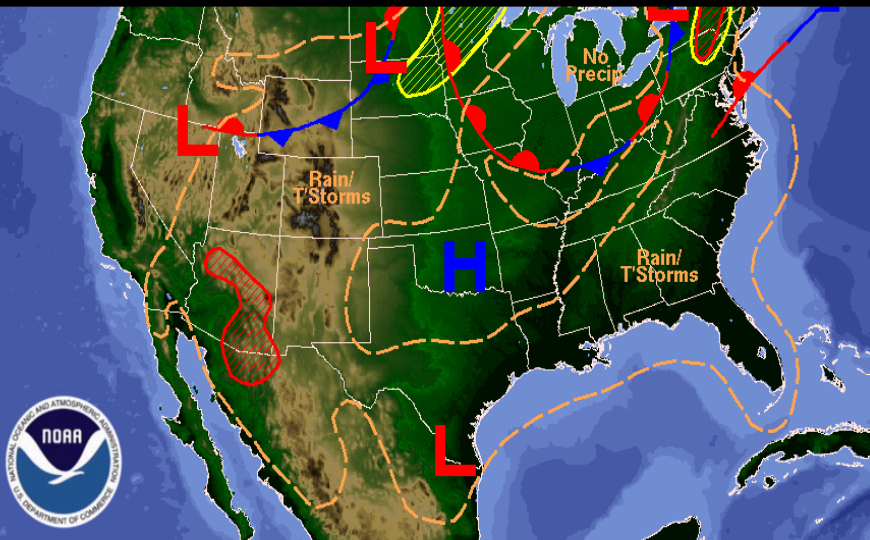
Formation chance through 48 hours...low...10%.

Formation chance through 5 days...low...20%.



# Today's Weather

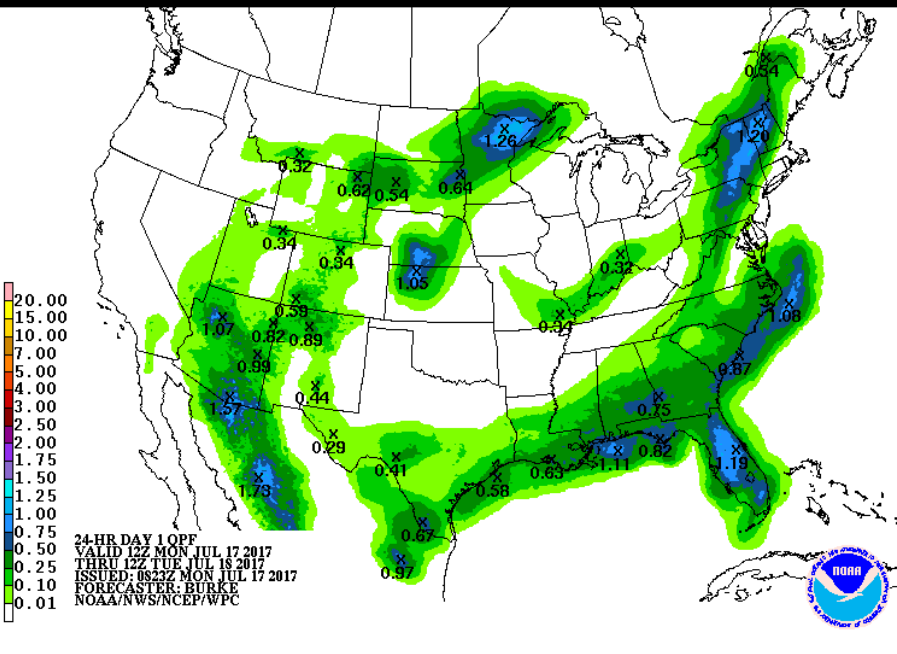
No significant weather expected.



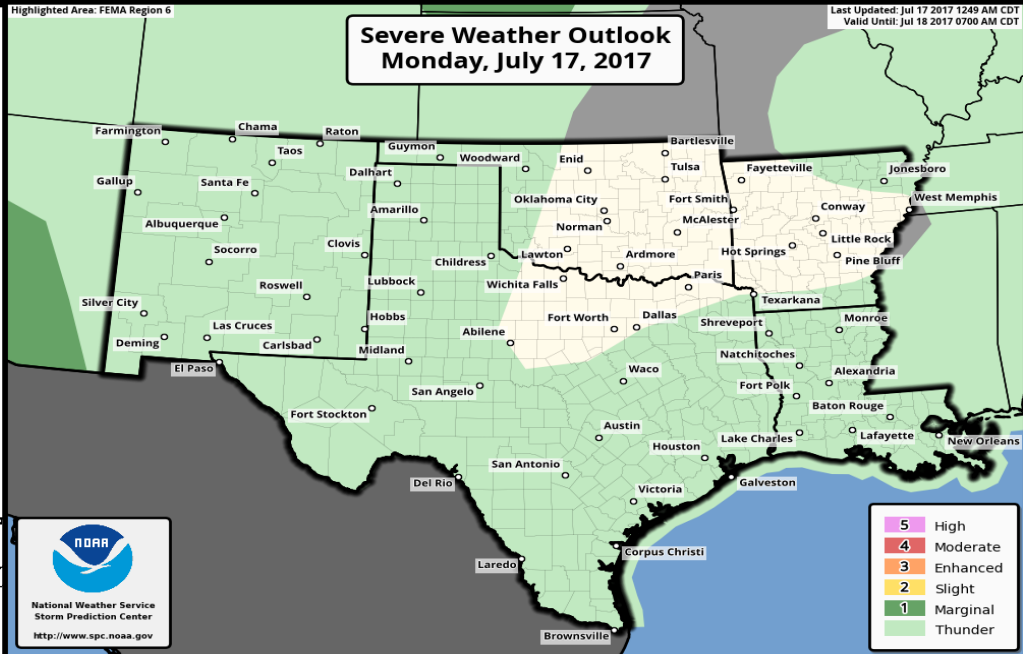
Day 1 National Forecast Chart

Valid Mon, Jul 17, 2017, issued 4:50 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



24-HR DAY 1 O/PF  
VALID 12Z MON JUL 17 2017  
THRU 12Z TUE JUL 18 2017  
ISSUED: 0622Z MON JUL 17 2017  
FORECASTER: BURKE  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Monday, July 17, 2017

Last Updated: Jul 17 2017 1249 AM CDT  
Valid Until: Jul 18 2017 0700 AM CDT

# Tomorrow's Weather

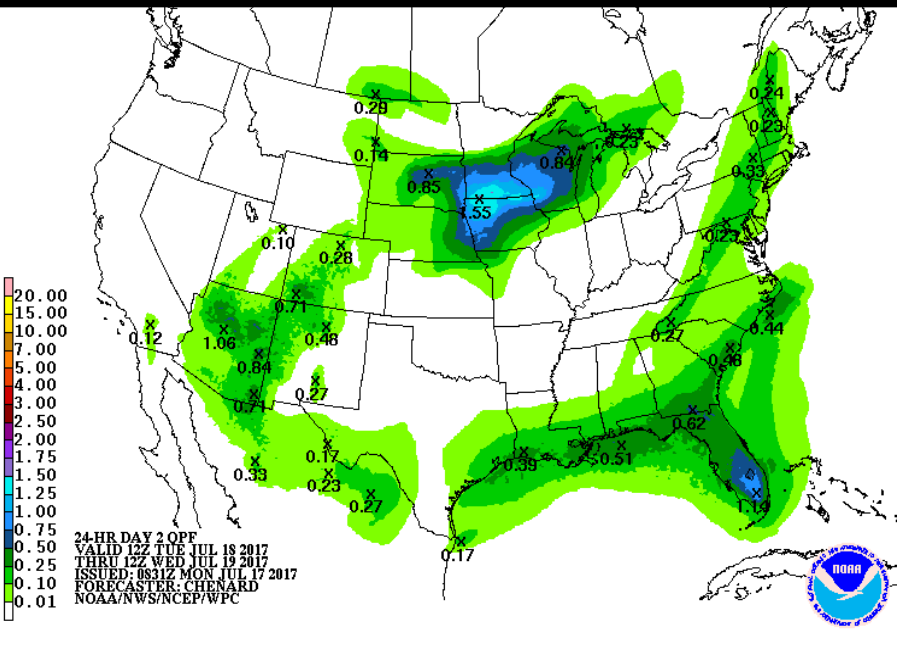
No significant weather expected.



## Day 2 National Forecast Chart

Valid Tue, Jul 18, 2017, issued 4:53 AM EDT Mon, Jul 17, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds with WPC/SPC/NHC forecasts

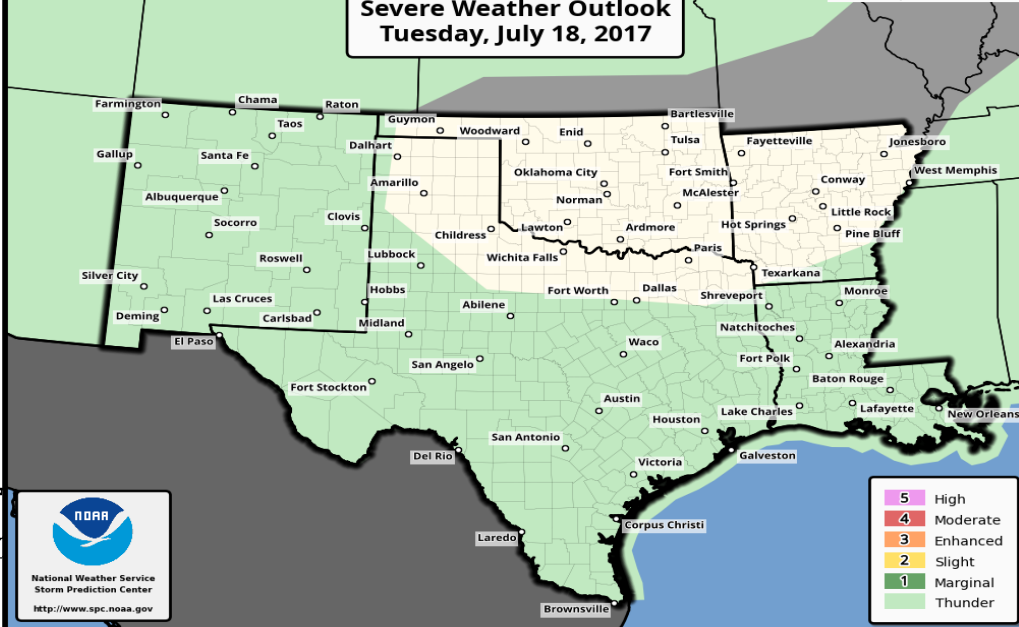
Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

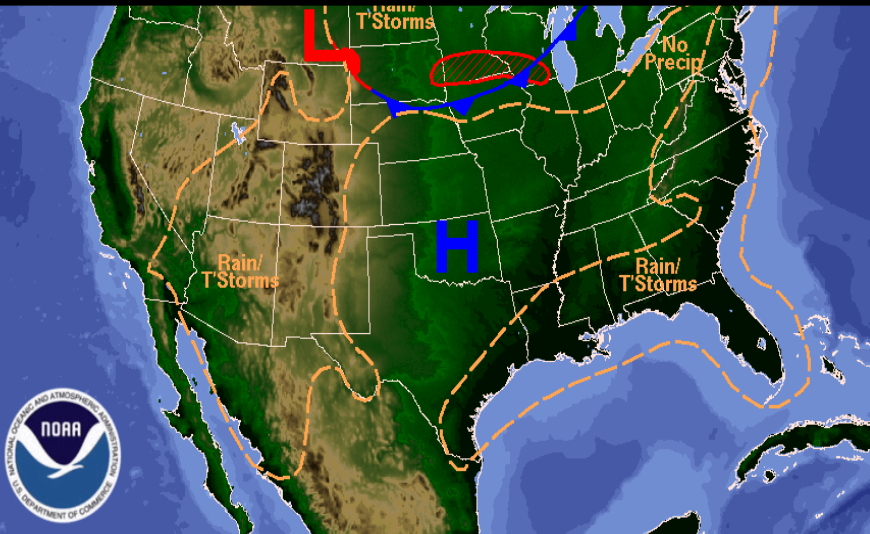
## Severe Weather Outlook Tuesday, July 18, 2017

Last Updated: Jul 17 2017 0105 AM CDT  
Valid Until: Jul 19 2017 0700 AM CDT





# Wednesday's Weather

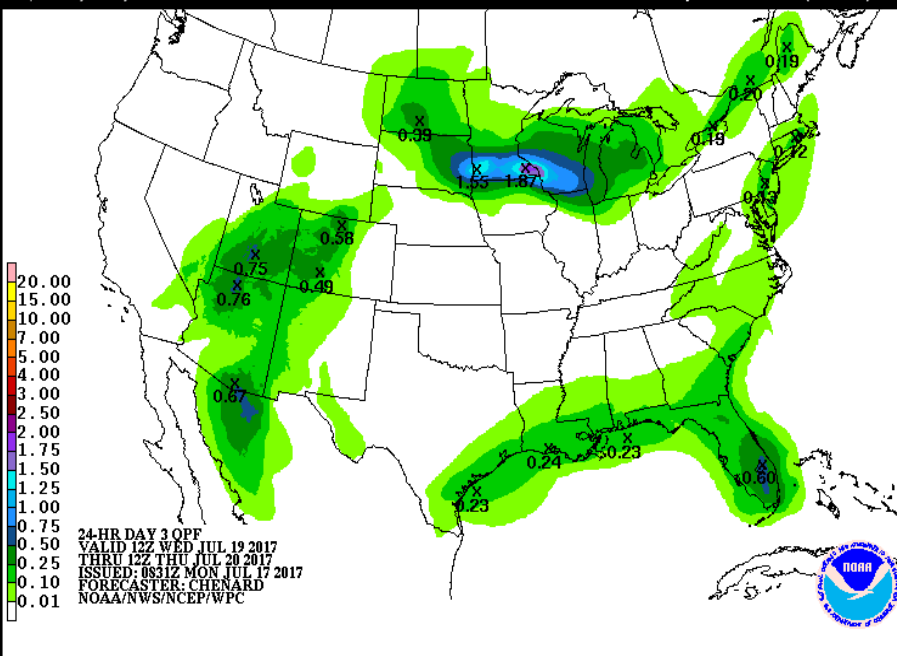


**Day 3 National Forecast Chart**

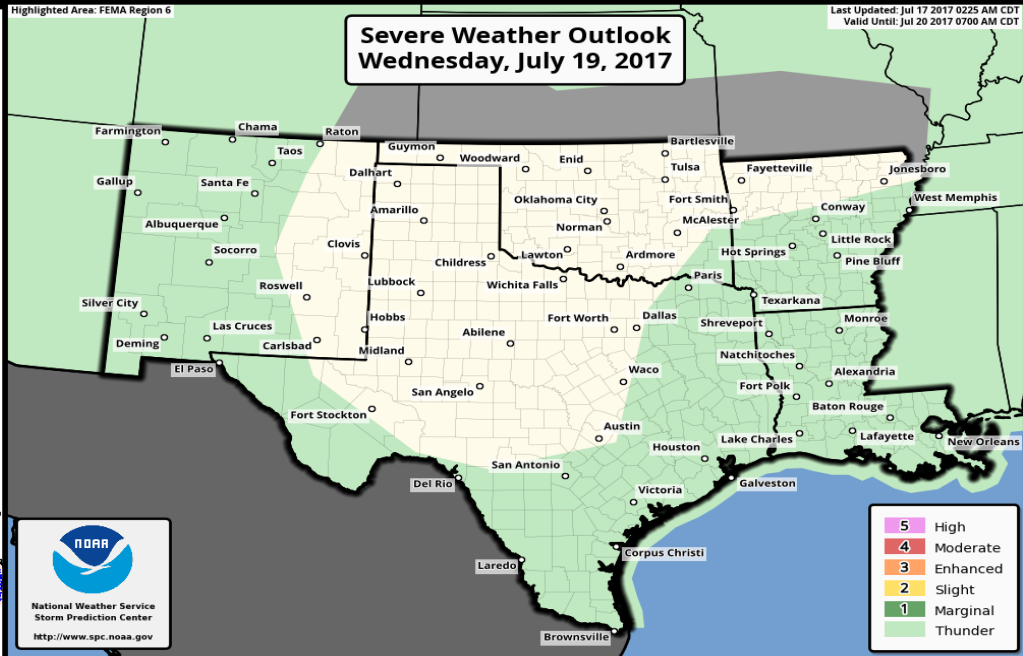
Valid Wed, Jul 19, 2017, issued 4:56 AM EDT Mon, Jul 17, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

No significant weather expected.



24-HR DAY 3 QPF  
 VALID 12Z WED JUL 19 2017  
 THRU 12Z THU JUL 20 2017  
 ISSUED: 0831Z MON JUL 17 2017  
 FORECASTER: CHENARD  
 NOAA/NWS/NCEP/WPC



**Severe Weather Outlook  
 Wednesday, July 19, 2017**

Last Updated: Jul 17 2017 0225 AM CDT  
 Valid Until: Jul 20 2017 0700 AM CDT

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

5 High  
 4 Moderate  
 3 Enhanced  
 2 Slight  
 1 Marginal  
 Thunder

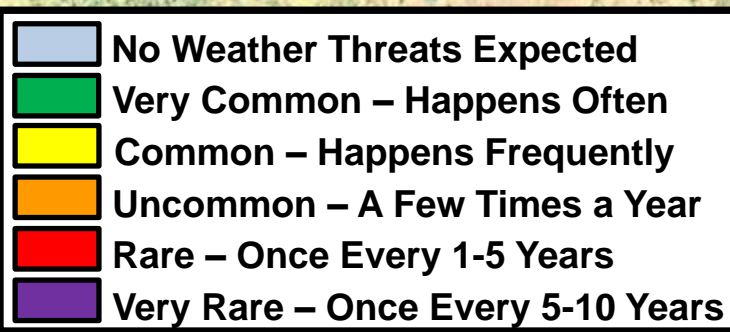


# Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



**No significant weather impacts expected.**



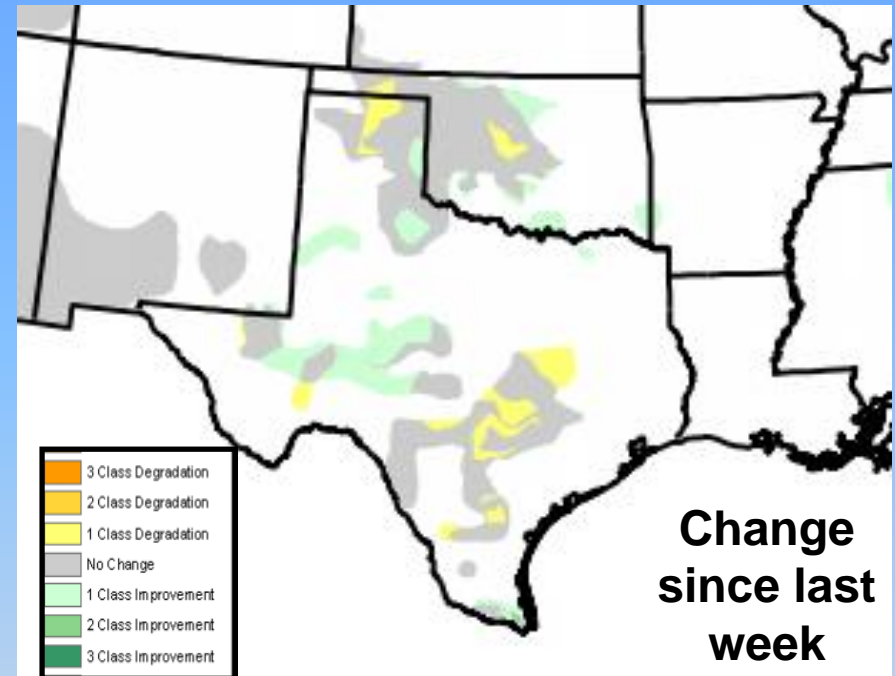
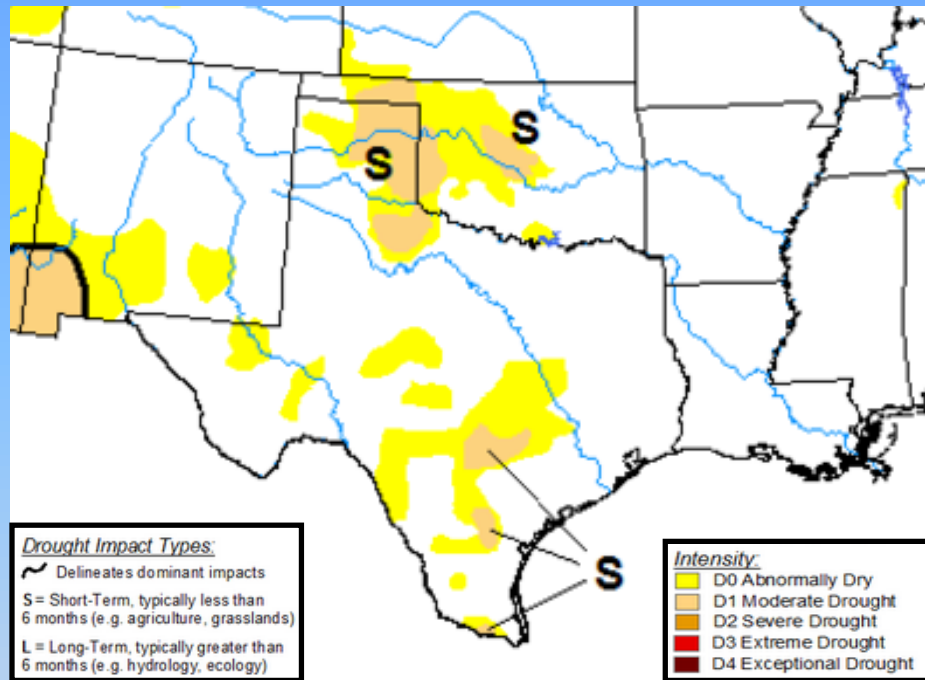
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released July 13, 2017

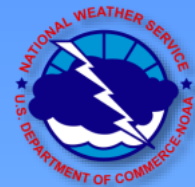
Data valid as of 7am CST, Tuesday, July 11, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

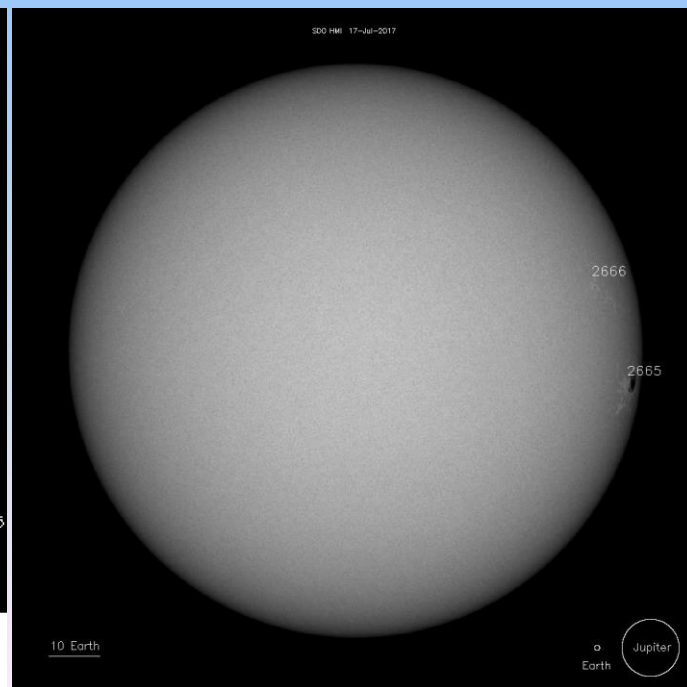
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Moderate (G2) Storm (Max Kp = 6)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	99%	75%	65%
Radio Blackout (R1-R2)	30%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%



Normal X-ray Background  
Product Valid At : 2017-07-17 11:14 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

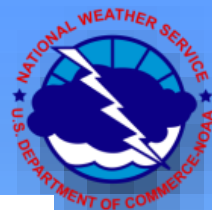
<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>